×)

$$\begin{array}{c|c} R_3 & O & \\ \hline N & S & O & \\ \hline R_4 & O & \\ \end{array}$$

FIG. 4

FIG. 7

FIG. 8

$$X_2 = -SO_2NH_2$$
 R_1
 R_2
 H_3CO_2
 H_3CO_3
 R_4
 R_5
 R_7
 R_8
 R_9
 R_9

(÷)

FIG. 9

$$X_2 = -SO_2NH_2$$
 R_1
 R_2
 R_2
 R_3
 R_4
 R_5
 R_5
 R_7
 R_7

FIG. 10

E1
$$\xrightarrow{b}$$
 $\xrightarrow{H_2NSO_2O}$ $\xrightarrow{(5)}$ FIG. 13 $\xrightarrow{(6)}$

E1
$$\xrightarrow{a}$$
 \xrightarrow{e} $\xrightarrow{R_1}$ $\xrightarrow{R_2}$ $\xrightarrow{R_1}$ $\xrightarrow{R_2}$ $\xrightarrow{R_1}$ $\xrightarrow{R_2}$ $\xrightarrow{R_1}$ $\xrightarrow{R_2}$ $\xrightarrow{R_1}$ $\xrightarrow{R_2}$ $\xrightarrow{R_1}$ $\xrightarrow{R_1}$ $\xrightarrow{R_2}$ $\xrightarrow{R_1}$ $\xrightarrow{R_1}$ $\xrightarrow{R_1}$ $\xrightarrow{R_2}$ $\xrightarrow{R_1}$ $\xrightarrow{R_1}$ $\xrightarrow{R_2}$ $\xrightarrow{R_1}$ $\xrightarrow{$

a: CH₃COOH / HNO₃

b: NaH / DMF, H2NSO2CI

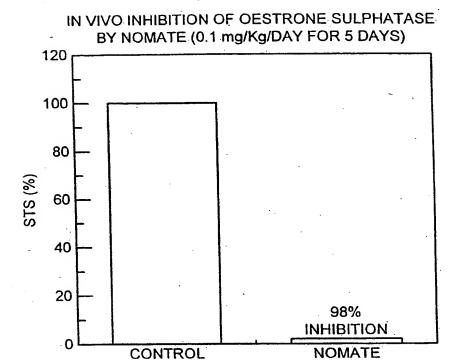
c: NH₂NH₂·H₂O, KOH / DIETHYLENE GLYCOL

d: NaH / DMF, J Br

e: N, N-DIETHYLANILINE, 🛆

f: Pd/C, H₂

FIG. 15



LACK OF EFFECT OF NOMATE (0.1mg/Kg/DAY FOR 5

FIG. 16

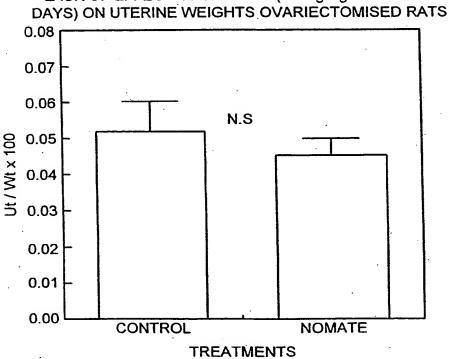


FIG. 17

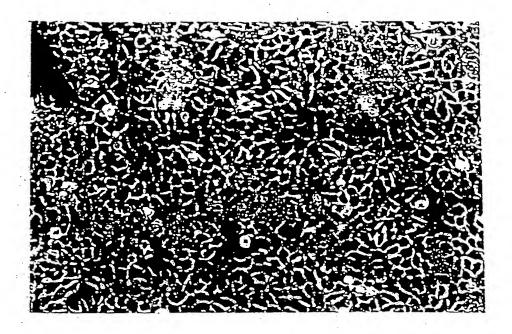


Figure 1

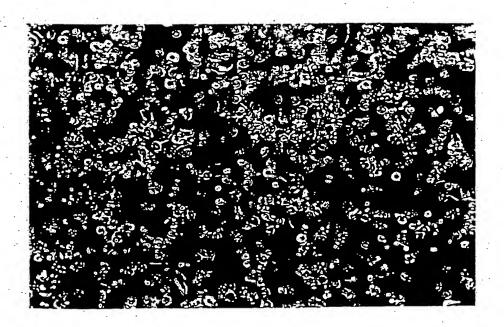


Figure 2

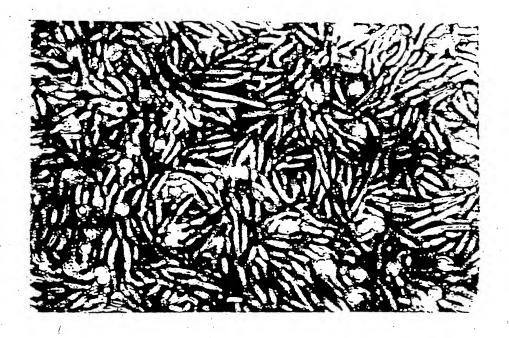


Figure 3



Figure 4

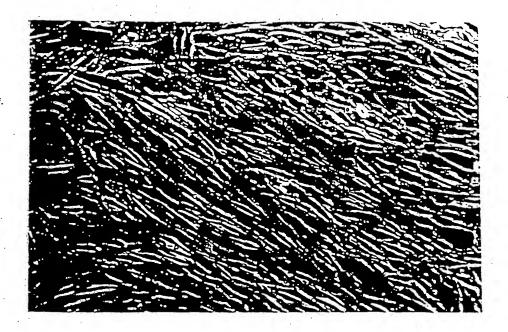


Figure 5

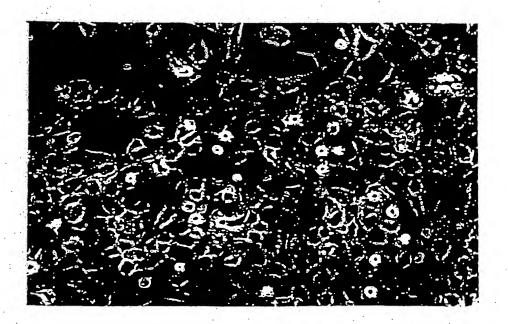


Figure 6

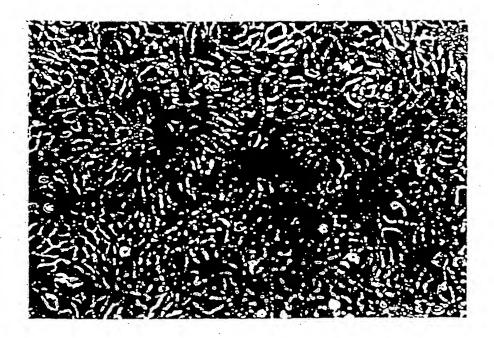


Figure 7

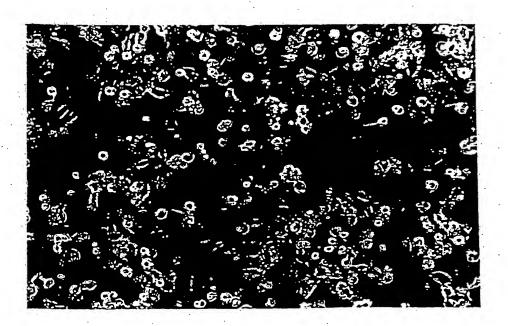
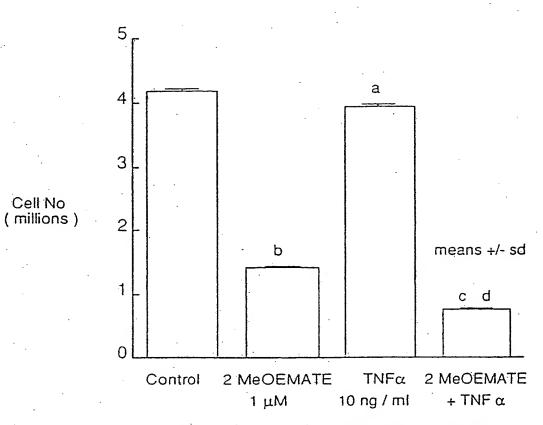
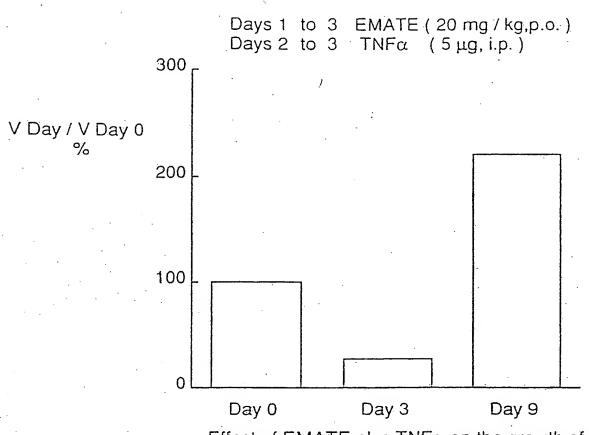


Figure 8



a , p < 0.05 ; b, p < 0.01; c, p <0.001 versus controls $d,\,p < 0.001 \,\, \text{versus 2MeOEMATE}$

Figure 9



Effect of EMATE plus TNF $\!\alpha$ on the growth of an NMU-induced mammary tumour in a rat

Figure 10

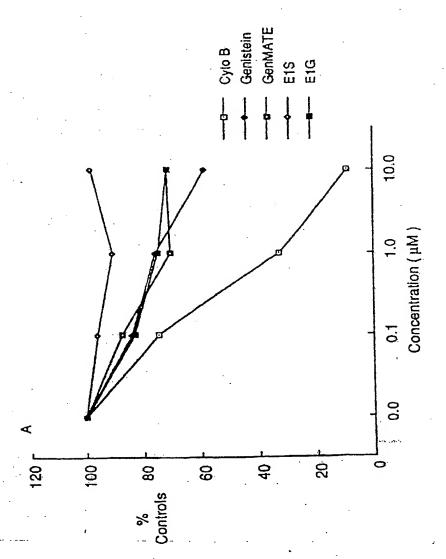


Figure 11a

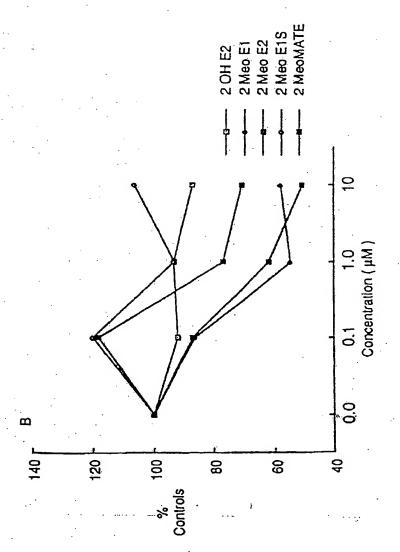


Figure 11b

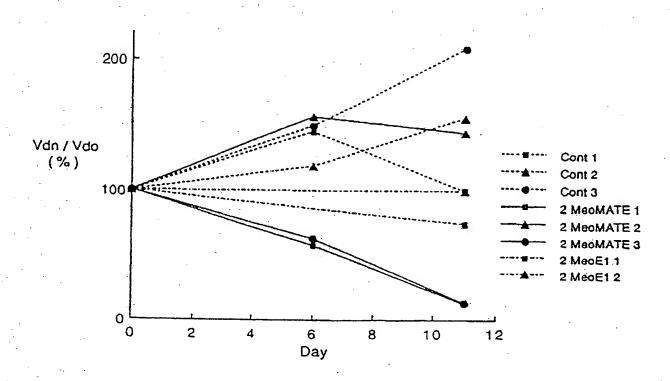


Figure 12